

requirement of that terminal so as to set up a call from that terminal to the network, wherein each base station controller has means for determining from the information stored in the home location register the operating protocol requirement of a terminal currently within the area served by that base station controller to which a call is to be placed so as to set up a call to that terminal from the network, [for a said mobile terminal currently within an area served by that base station the operating protocol of that terminal and] and wherein the base station controller has means for downloading from a store associated with the base station controller a set of operating instructions for that protocol required by the terminal, and wherein the base station has selection means responsive to the determination by the base station controller of the operating protocol of a said mobile terminal for enabling a control means for that protocol so as to operate the base station in a mode consistent with that operating protocol.

Please amend claim 10 as detailed below.

4. (Amended) A method of setting up a connection between a terminal and a base station in a cellular mobile communications network adapted to service mobile terminals having different operating protocols so as to provide roaming facilities for those terminals, the network including a plurality of multimode base stations controlled via a base station controller and each comprising a plurality of protocol dedicated control units, a soft radio unit coupled to an antenna and arranged to function as a slave in both transmit and receive modes under the control of a selected one of said control units, the method comprising:

for a call initiated by a service request to the network from a mobile terminal;

at the base station, relaying the mobile terminal request for service from the base station to the base station controller; at the base station controller, determining in response to said service request the protocol required to service that request, and sending a command signal to the base station identifying that protocol;

for a call initiated via the network to a mobile terminal.

determining from stored information relating to the mobile terminal an operating protocol requirement ^{for that} ~~for that~~ terminal, downloading stored operating software for performing that operating protocol into the base station controller, and sending a command signal to the base station identifying that protocol; and

at the base station, responsive to said command signal, selecting that one of said control units corresponding to the operating protocol for controlling the soft radio unit so as to establish communication with the mobile terminal.

[Please amend claim 11 as detailed below.]

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§ 1. (Amended) A cellular mobile communications network adapted to service mobile terminals having different operating protocols so as to provide roaming facilities for those terminals, the network including a plurality of multimode base stations controlled via a base station controller and each comprising; a plurality of protocol dedicated control units, a soft radio unit coupled to an antenna and arranged to function as a slave in both transmit and receive modes under the control of a selected one of said control units, means for relaying a mobile terminal request for service to the base station controller, and selection means for selecting one of said control units in response to a command received from [the base station received from] the base station controller;

wherein said base station controller has means for determining, from a said mobile terminal request for service from a mobile terminal currently within an area served by that base station, the one of said different operating protocols to be associated with that terminal so as to set up a call from that terminal to the network, means for determining from stored information the operating protocol requirement of a terminal currently within the area served by that base station controller and to which a call is to be placed so as to set up a call to that terminal from the network, means for downloading, from a store associated with the base station controller, software operating instructions corresponding to the determined protocol for the mobile terminal so as to operate the base station controller in conformity with that protocol, and means for sending said command signal to the base station from which the request has been relayed so as to perform said control unit selection at that base station and thereby establish communication with the mobile terminal.

[Please delete claim 12.]